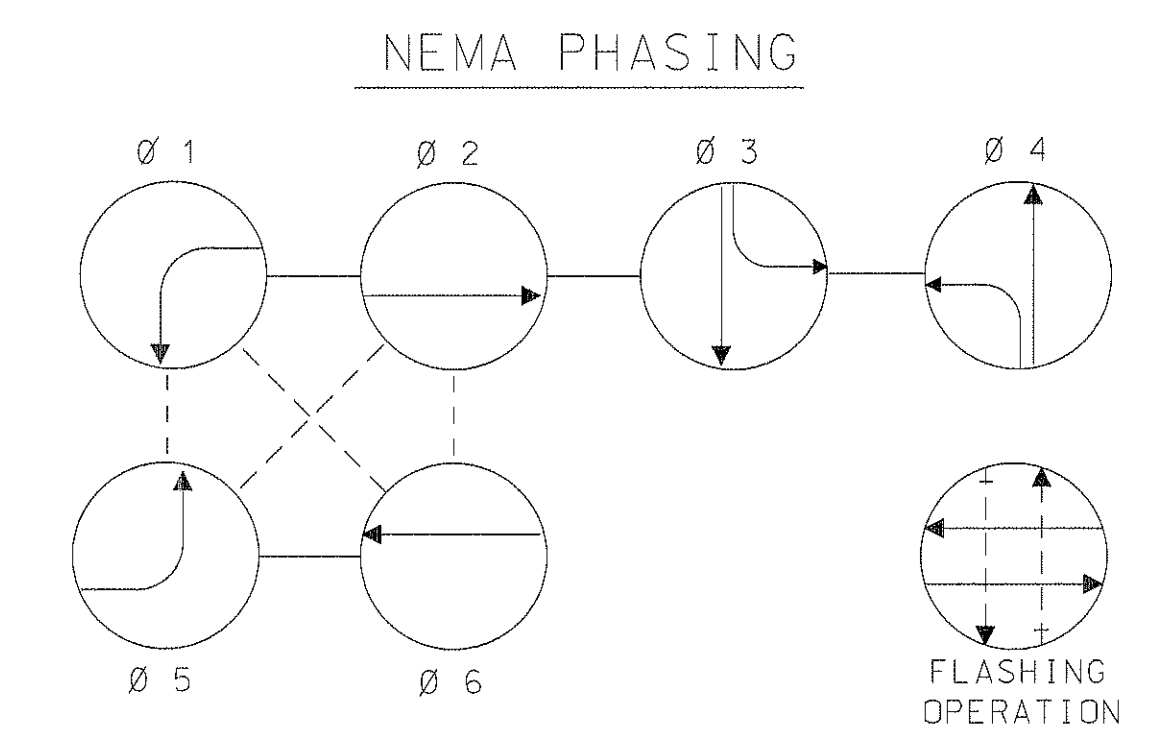
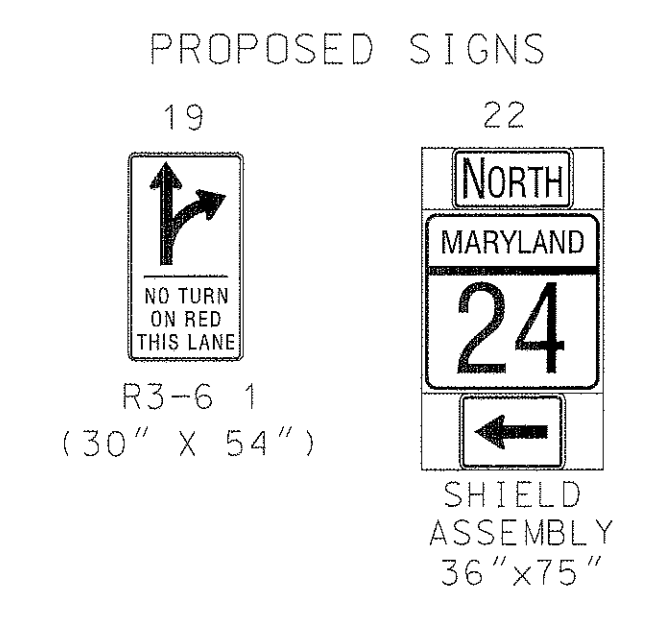
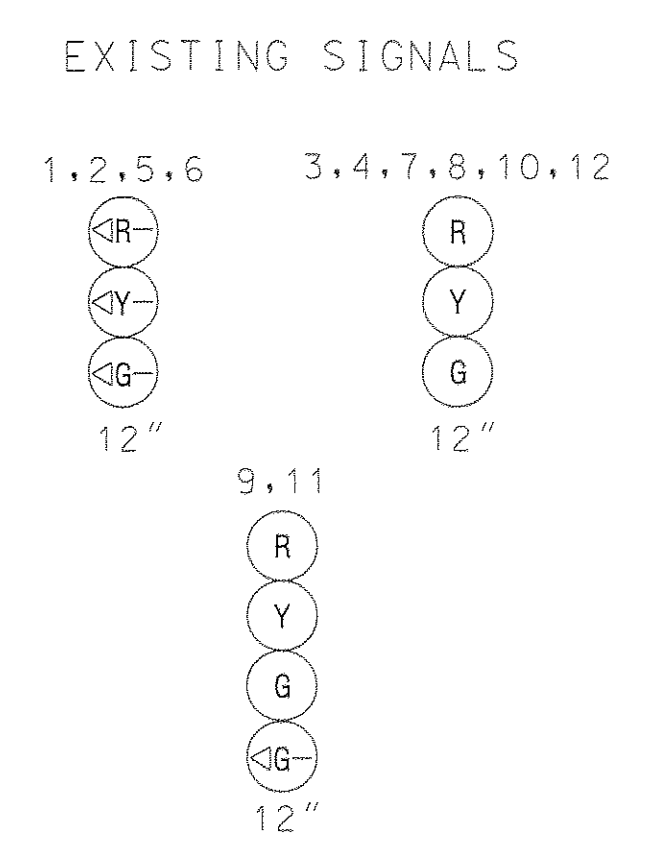
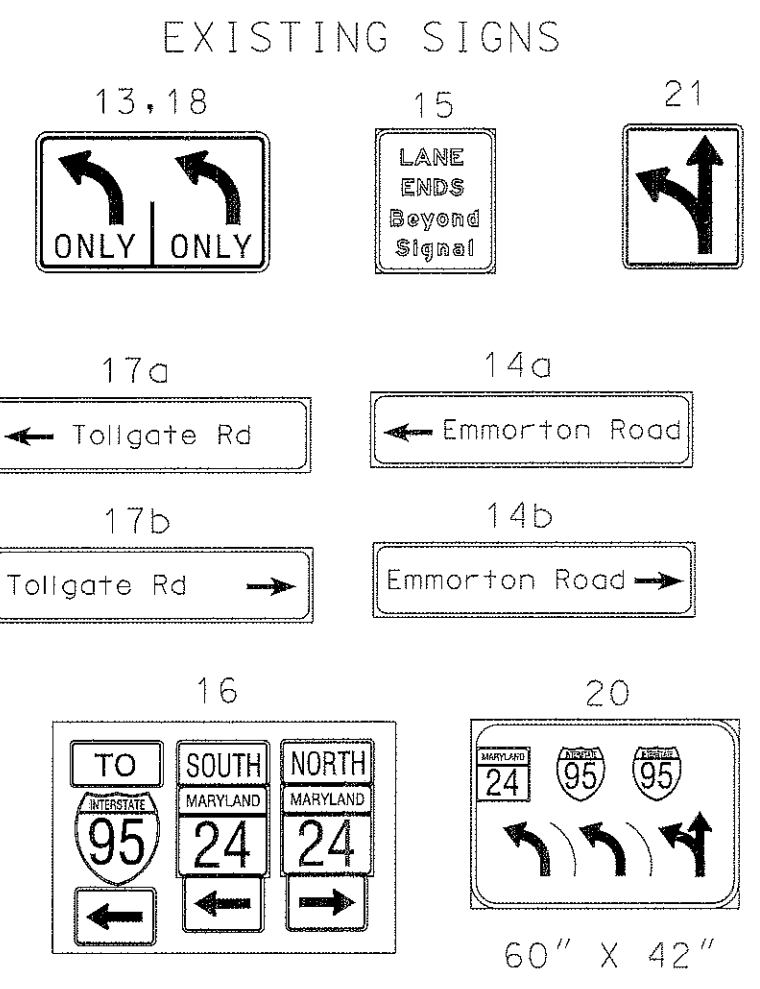


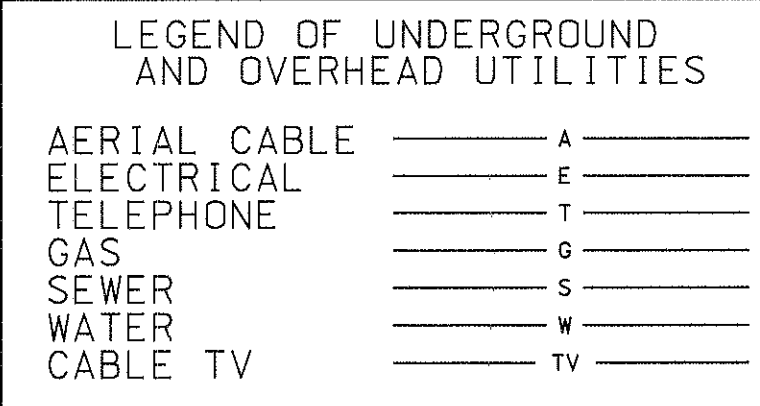
MD 24 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION



- PHASING NOTES:
- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
  - PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

- GENERAL NOTES
- INSTALL LOOP DETECTORS 1 FT. BEHIND STOPLINE.
  - THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
  - LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
  - ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
  - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
  - FOR PAVEMENT MARKING DETAIL AND ADDITIONAL SIGNING SEE PAVEMENT MARKING PLAN.

- CONSTRUCTION DETAILS
- INSTALL R3-6(R) SIGN ON EXISTING SPAN WIRE
  - REMOVE EXISTING SIGN
  - INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 WINDING)
  - INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
  - USE EXISTING CONDUIT
  - USE EXISTING HANDHOLE
  - USE EXISTING BASE MOUNTED CONTROLLER
  - REMOVE "NO MERGE AREA" PANEL FROM YIELD SIGN
  - INSTALL SHIELD ASSEMBLY ON EXISTING STRAIN POLE



REVISIONS	APPROVALS
(E) REPLACE E.P. TOLLGATE RD LOOP DETECTORS	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
MLH TZ 11/2/98	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
D REVISE FOR W.B. MD 924 TRIPLE LEFT	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
MLH TZ 11/2/98	DIRECTOR, TRAFFIC & SAFETY
C MODIFY DUE TO NEW GEOMETRICS SHA FMI NO. HA142A21	
FJH	

TRAFFIC CONCEPTS, INC.

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Gambrills, MD 21054  
(410) 923-7101

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
SIGNALIZATION PLAN  
MD 24 AT MD 924 (EMMORTON ROAD) TOLLGATE ROAD

DRAWN BY: S.R.	F.A.P. NO. 1948E	TS NO. 1948E	SHEET NO. 1 OF 3
CHECKED BY: L.E.S.	S.H.A. NO. BW-511-802-412	T.I.M.S. NO. F063	
SCALE: 1" = 20'	COUNTY: HARFORD		
DATE: SEPT 11, 1992	LOG MILE:		